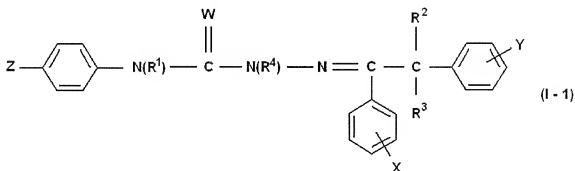


Amendments to the Claims

Please amend the claims according to the following listing of the claims.

1. (Currently Amended) A method for controlling a pest selected from the Isoptera, and Hymenoptera, ~~Orthoptera and Psocoptera~~ orders which comprises applying to said pest or to a wooden part or to soil in the habitat of said pest an effective amount of a hydrazine compound of formula (I-1):



wherein

R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, and R<sup>4</sup> represent[[s]] hydrogen or C<sub>1</sub>-C<sub>6</sub> alkyl;

R<sup>2</sup> and R<sup>3</sup>, which may be same or different, represent hydrogen, hydroxyl, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> alkoxy, C<sub>1</sub>-C<sub>6</sub> alkylcarbonyl or phenylcarbonyl;

R<sup>4</sup>—represents hydrogen or C<sub>1</sub>-C<sub>6</sub> alkyl;

X represents 1 to 5 same or different substituents selected from the group consisting of hydrogen, halogen, C<sub>1</sub>-C<sub>6</sub> alkyl and halo C<sub>1</sub>-C<sub>6</sub> alkyl substituents;

Y represents 1 to 5 same or different substituents selected from the group consisting of nitro and cyano substituents;

Z represents halogen, cyano, C<sub>1</sub>-C<sub>6</sub> alkyl, halo C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> alkoxy, halo C<sub>1</sub>-C<sub>6</sub> alkoxy, halo C<sub>1</sub>-C<sub>6</sub> alkylthio, halo C<sub>1</sub>-C<sub>6</sub> alkylsulfinyl or halo C<sub>1</sub>-C<sub>6</sub> alkylsulfonyl; and

W represents oxygen or sulfur.

2 – 9. (canceled)

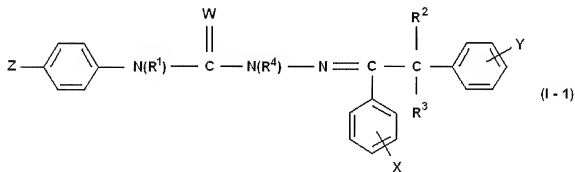
10. (Previously Presented) The method of claim 1, wherein the hydrazine compound is applied to the wooden part in an amount of 0.1 to 50 g/m<sup>2</sup>, to a pest selected from the Rhinotermitidae, Termitidae, Kalotermitidae and Termopsidae families.

11 – 12. (canceled)

13. (Currently Amended) The method of claim 1, wherein  $R^1$  to  $R^4$  each denote hydrogen, X is trifluoromethyl, Y is cyano, and Z is trifluoromethoxy, and W is oxygen.

14. (Previously Presented) The method of claim 1, wherein the pest is an ant or a termite.

15. (Currently Amended) A method for protecting houses or an article selected from construction materials, furniture, leather, fibers, vinyl articles, electronic wires and cables against a pest selected from the Rhinotermitidae, Termitidae, Kalotermitidae and Termopsidae families, which comprises applying an effective amount of a hydrazine compound of formula (I-1):



wherein

$R^1$ ,  $R^2$ ,  $R^3$ , and  $R^4$  represent[[s]] hydrogen or  $C_1$ - $C_6$  alkyl;

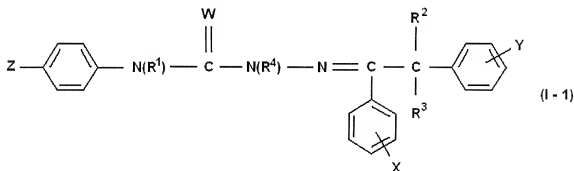
$R^2$  and  $R^3$ , which may be same or different, represent hydrogen, hydroxyl,  $C_1$ - $C_6$  alkyl,  $C_1$ - $C_6$  alkoxy,  $C_1$ - $C_6$  alkylcarbonyl or phenylcarbonyl;

$R^4$ —represents hydrogen or  $C_1$ - $C_6$  alkyl;

- X represents 1 to 5 same or different substituents selected from the group consisting of hydrogen, halogen, C<sub>1</sub>-C<sub>6</sub> alkyl and halo C<sub>1</sub>-C<sub>6</sub> alkyl substituents;
- Y represents 1 to 5 same or different substituents selected from the group consisting of nitro and cyano substituents;
- Z represents halogen, cyano, C<sub>1</sub>-C<sub>6</sub> alkyl, halo C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> alkoxy, halo C<sub>1</sub>-C<sub>6</sub> alkoxy, halo C<sub>1</sub>-C<sub>6</sub> alkylthio, halo C<sub>1</sub>-C<sub>6</sub> alkylsulfinyl or halo C<sub>1</sub>-C<sub>6</sub> alkylsulfonyl; and
- W represents oxygen or sulfur,

to said pest, a habitat or a nest of said pest, to a place at which occurrence of said pest is expected or to the article.

16. (Currently Amended) A method for controlling a pest from the Formicidae family in crops, which comprises applying an effective amount of a hydrazine compound of formula (I-1):



wherein

R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, and R<sup>4</sup> represent[[s]] hydrogen,or C<sub>1</sub>-C<sub>6</sub> alkyl, and

X represents 1 to 5 same or different substituents selected from the group consisting of hydrogen, halogen, C<sub>1</sub>-C<sub>6</sub> alkyl and halo C<sub>1</sub>-C<sub>6</sub> alkyl substituents[[.]]

R<sup>1</sup>—represents hydrogen or C<sub>1</sub>-C<sub>6</sub> alkyl;

$R^2$  and  $R^3$ , which may be same or different, represent hydrogen, hydroxyl,  $C_4-C_6$  alkyl,  $C_4-C_6$  alkoxy,  $C_4-C_6$  alkylcarbonyl or phenylcarbonyl;

Y represents 1 to 5 same or different substituents selected from the group consisting of nitro and cyano substituents;

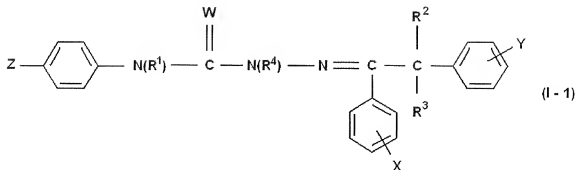
Z represents halogen, cyano,  $C_4-C_6$  alkyl, halo  $C_4-C_6$  alkyl,  $C_4-C_6$  alkoxy, halo  $C_4-C_6$  alkoxy, halo  $C_4-C_6$  alkylthio, halo  $C_4-C_6$  alkylsulfinyl or halo  $C_4-C_6$  alkylsulfonyl; and

W represents oxygen or sulfur,

to said pest, to said crops, to soil surrounding said crops or to a nest of said pest.

17. (Previously Presented) The method of claim 16, wherein the hydrazine compound is applied in an amount of from 1 to 500 g/m<sup>2</sup>.
18. (Cancelled)
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- 44. (Cancelled)
- 45. (Cancelled)
- 46. (Cancelled)
- 47. (Cancelled)
- 48. (New) The method of claim 13, wherein Y is 4-cyano.
- 49. (New) The method of claim 15, wherein X is trifluoromethyl, Y is 4-cyano, and Z is trifluoromethoxy.
- 50. (New) The method of claim 16, wherein X is trifluoromethyl, Y is 4-cyano, and Z is trifluoromethoxy.
- 51. (New) A method for protecting wooden materials from termites and ants by applying an effective amount of a hydrazine compound of formula (I-1):



wherein

$R^1$ ,  $R^2$ ,  $R^3$ , and  $R^4$  represent hydrogen;

X represents 1 to 5 same or different halo  $C_1$ - $C_6$  alkyl substituents;

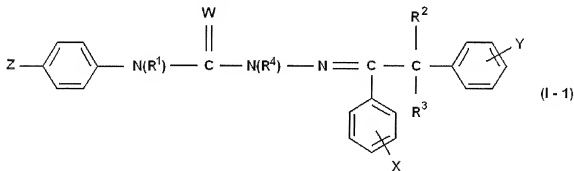
Y represents 1 to 5 cyano substituents;

Z represents halo  $C_1$ - $C_6$  alkoxy; and

W represents oxygen,

to the wooden material, surrounding soil surface or into the under-floor soil

52. (New) The method of claim 51, wherein from 0.1 to 50 g per  $m^2$  of the hydrazine compound is applied.
53. (New) A method for protecting crops from pests of the Formicidae family by applying an effective amount of a hydrazine compound of formula (I-1):



wherein

$R^1$ ,  $R^2$ ,  $R^3$ , and  $R^4$  represent hydrogen;

X represents 1 to 5 same or different halo  $C_1$ - $C_6$  alkyl substituents;

Y represents 1 to 5 cyano substituents;

Z represents halo C<sub>1</sub>-C<sub>6</sub> alkoxy; and

W represents oxygen,

to the crops or the surrounding soil or to the nest of said pest.

54. (New) The method of claim 53, wherein from 1 to 500 g per m<sup>2</sup> of the hydrazine compound is applied.